

FIG. 1

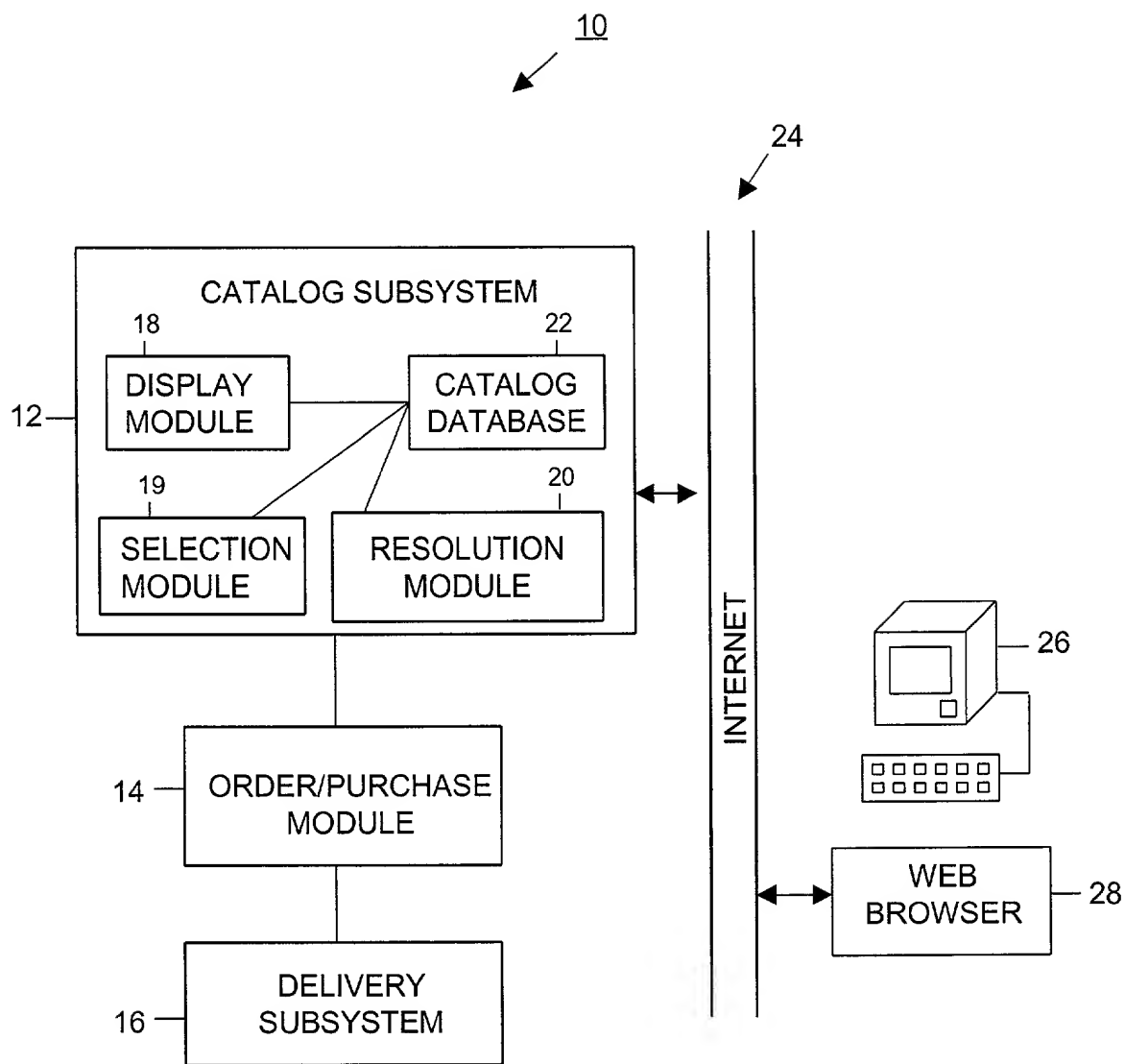


FIG. 1

Diagram illustrating a Catalog Entry Table (500) with columns: CATENTRY ID (550), TYPE (552), DESCRIPTION (554), and SKU (556). The table is organized into groups of rows indicated by brackets on the left:

- Group 520: Rows 101 and 102 (PRODUCT).
- Group 522: Rows 110, 111, 112, 113, 120, and 121 (ITEM).
- Group 526: Rows 150, 151, 152, 153, 154, 155, 156, 157, and 158 (FR-PACKAGE).
- Group 524: Rows 151 through 158 (FR-PACKAGE).
- Group 528: Rows 151 through 158 (FR-PACKAGE).

CATENTRY ID	TYPE	DESCRIPTION	SKU
101	PRODUCT	sweater	
102	PRODUCT	gloves	
110	ITEM	large, blue sweater	LBS
111	ITEM	large, green sweater	LGS
112	ITEM	small, blue sweater	SBS
113	ITEM	small, green sweater	SGS
120	ITEM	leather gloves	LG
121	ITEM	vinyl gloves	VG
150	UR-PACKAGE	package: sweater; gloves	
151	FR-PACKAGE	package: large blue sweater; leather gloves	LBS-LG
152	FR-PACKAGE	package: large green sweater; leather gloves	LGS-LG
153	FR-PACKAGE	package: small blue sweater; leather gloves	SBS-LG
154	FR-PACKAGE	package: small green sweater; leather gloves	SGS-LG
155	FR-PACKAGE	package: large blue sweater; vinyl gloves	LBS-VG
156	FR-PACKAGE	package: large green sweater; vinyl gloves	LGS-VG
157	FR-PACKAGE	package: small blue sweater; vinyl gloves	SBS-VG
158	FR-PACKAGE	package: small green sweater; vinyl gloves	SGS-VG

**FIG. 2A**

PRODUCT ATTRIBUTE TABLE		
ATTRIBUTE ID	NAME	PRODUCT ID
201	SWEATER-SIZE	101
202	SWEATER-COLOUR	101
203	GLOVES-MATERIAL	102

Fig. 2B

PRODUCT ATTRIBUTE VALUE TABLE			
ATTRIBUTE VALUE ID	ATTRIBUTE ID	VALUE	ITEM ID
301	201	SMALL	112
302	201	LARGE	110
303	201	SMALL	113
304	201	LARGE	111
305	202	BLUE	112
306	202	GREEN	111
307	202	BLUE	110
308	202	GREEN	113
309	203	VINYL	121
310	203	LEATHER	120

Fig. 2C

PACKAGE ATTRIBUTE TABLE		
PACKAGE ATTRIBUTE ID	ATTRIBUTE ID	UR-PACKAGE ID
401	201	150
402	202	150
403	203	150

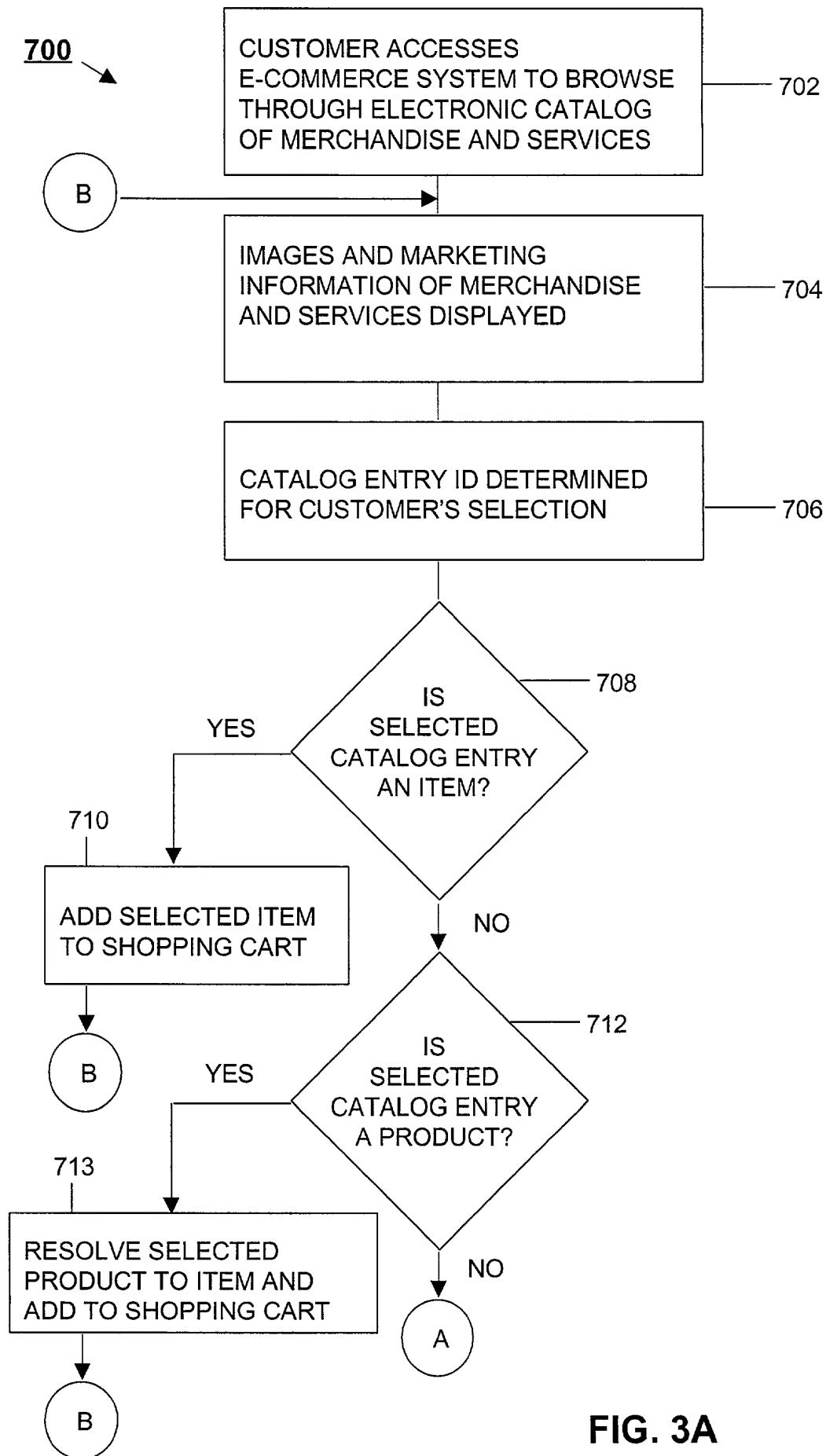
Fig. 2D

PACKAGE ATTRIBUTE VALUE TABLE		
PACKAGE ATTRIBUTE ID	ATTRIBUTE VALUE ID	FR-PACKAGE ID
401	301	153
401	302	151
401	303	154
401	304	152
401	301	157
401	302	155
401	303	158
401	304	156
402	305	153
402	306	152
402	307	151
402	308	154
402	305	157
402	306	156
402	307	155
402	308	158
403	309	155
403	310	151
403	309	156
403	310	152
403	309	157
403	310	153
403	309	158
403	310	154

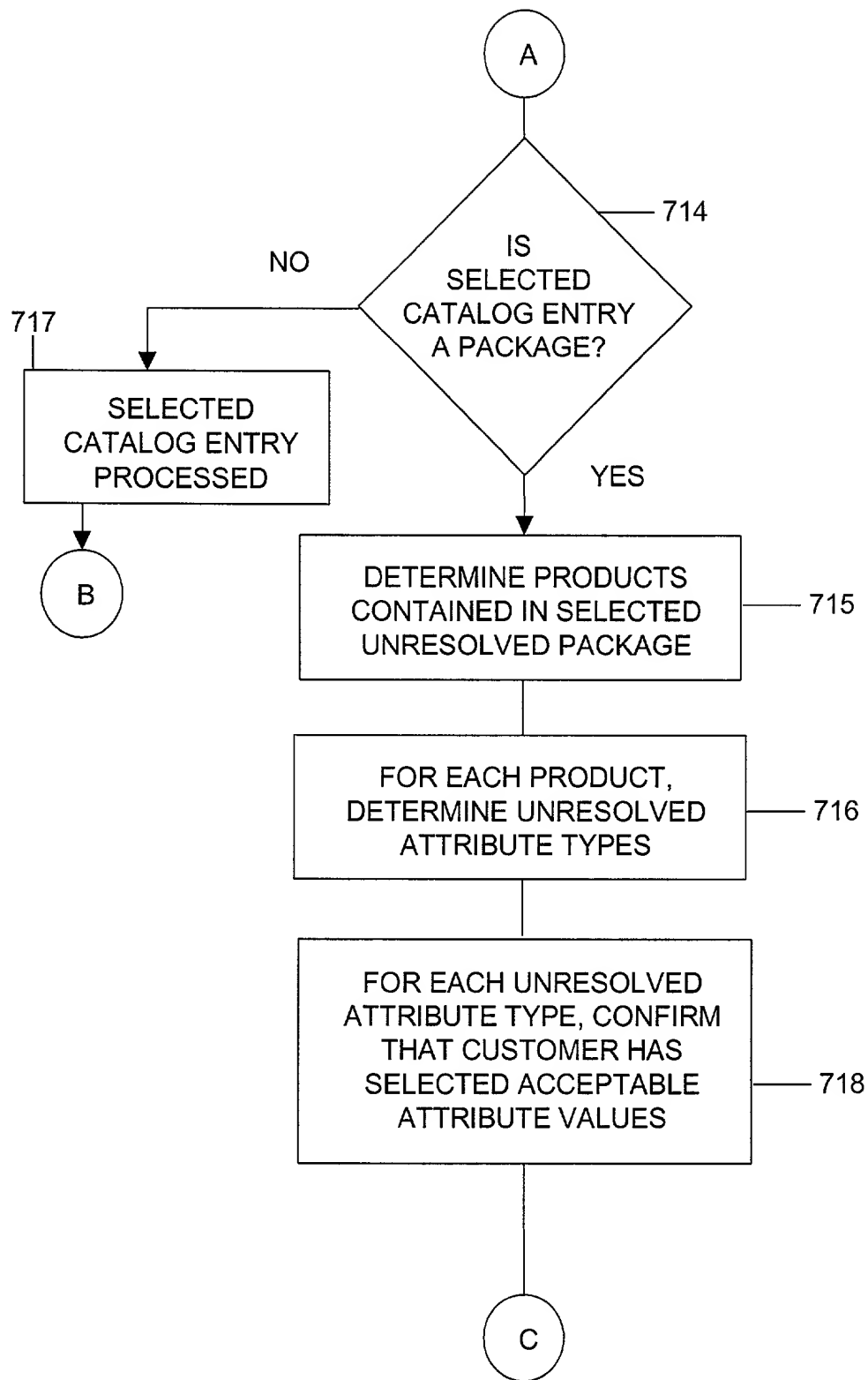
FIG. 2E

PACKAGE ID	COMPONENT ID	TYPE
150	101	UR-PackageRel
150	102	UR-PackageRel
151	110	FR-PackageRel
151	120	FR-Package Rel
152	111	FR-PackageRel
152	120	FR-PackageRel
153	112	FR-PackageRel
153	120	FR-PackageRel
154	113	FR-PackageRel
154	120	FR-PackageRel
155	110	FR-PackageRel
155	121	FR-PackageRel
156	111	FR-PackageRel
156	121	FR-PackageRel
157	112	FR-PackageRel
157	121	FR-PackageRel
158	113	FR-PackageRel
158	121	FR-PackageRel

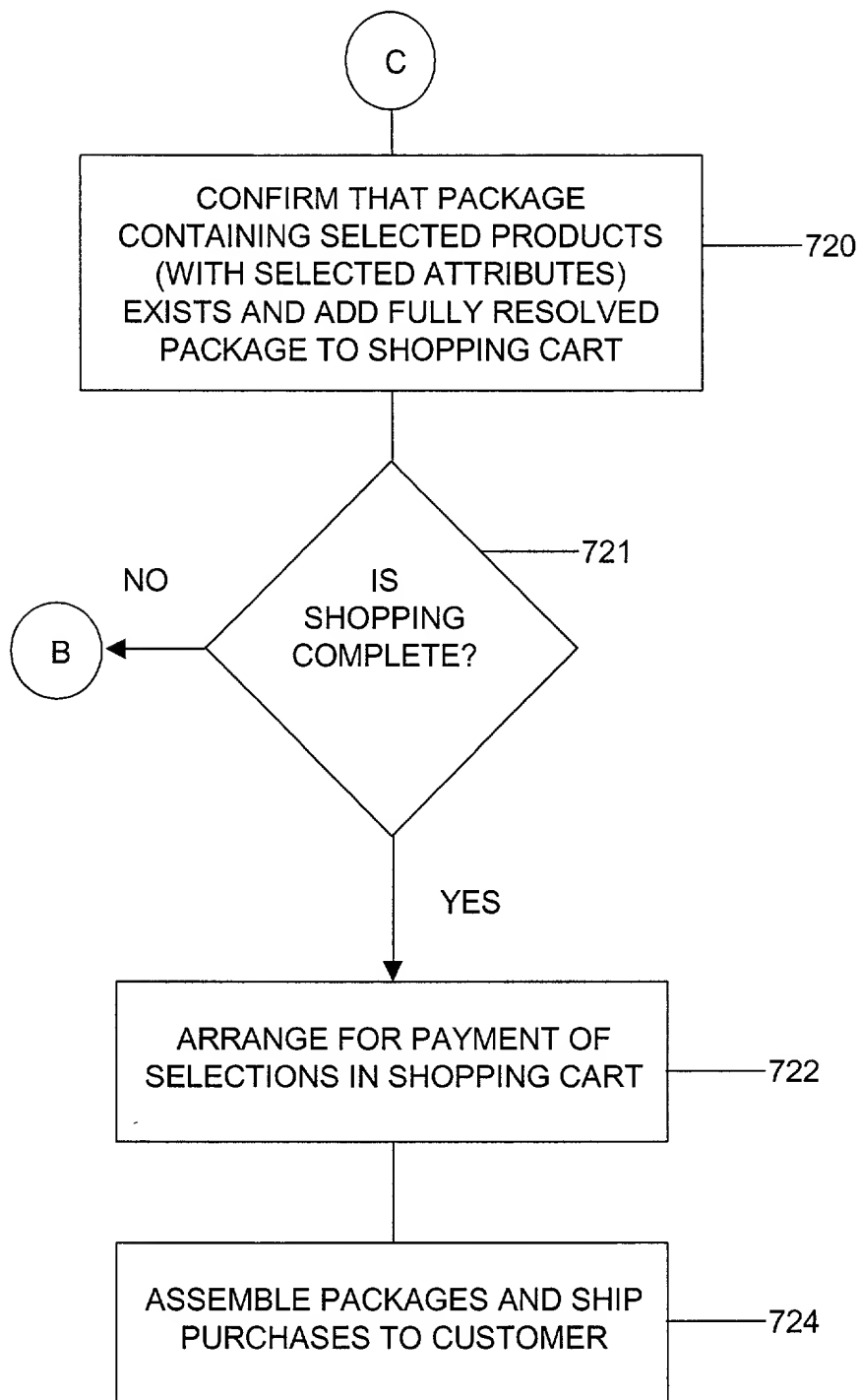
FIG. 2F



**FIG. 3A**



**FIG. 3B**



**FIG. 3C**